



PATENT  
132281

IN THE UNITED STATES PATENT AND TRADEMARK OFFICEPATENT

Applicant: Stephen John Howell, et al.

Serial No. 10/687,683

Filed: October 17, 2003

For: METHODS AND APPARATUS FOR  
COOLING TURBINE ENGINE COMBUSTOR  
EXIT TEMPERATURES

Group Art Unit: 3746

Examiner: Unassigned

CERTIFICATE OF MAILING

I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on January 14, 2005.

  
Robert B. Reefer III, Reg. No. 41,548

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

1. ☒ Pursuant to 37 CFR 1.97(b)  
[within 3 months of filing or prior to 1st Office Action]
2. ☐ Certification Pursuant to 37 CFR 1.97(c)  
[before Final Office Action or Allowance]
3. ☐ Fee Payment Pursuant to 37 CFR 1.97(c)  
[before Final Office Action or Allowance]
4. ☐ Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97 (d)  
[before Issue Fee payment]

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

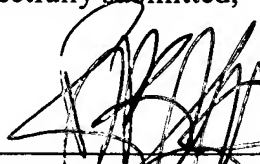
5. ☒ A list of documents on form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This Paper is submitted in accordance with:

6. ☒ 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
7. ☐ 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
8. ☐ The required certification made in item 11 below; or
9. ☐ The \$180 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
10. ☐ 37 CFR 1.97(d): [before issue fee payment]; and
- ☐ a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention GROUP DIRECTOR, and if applicable include batch locator information: e.g., "Allowed Files, Batch \_\_\_\_\_, Date of Allowance \_\_\_\_\_"), and
- ☐ b) The required Certification is stated in item 11 below.
11. ☐ Certification
12. ☐ Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
13. ☐ No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

14. ☒ Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 01-2384. An original and two copies of this document is enclosed.

Respectfully submitted,



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Substitute for form 1040-PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

Application Number	10/687,683
Filing Date	October 17, 2003
First Named Inventor	Stephen John Howell
Art Unit	3746
Examiner Name	
Attorney Docket Number	132281

Sheet	1	of	1
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## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
	FA	GB2125950A	03/14/1984	General Elec.		
	FB	EP1104871A1	06/06/2001	Alstom Power UK		
	FC	EP1363075A2	11/19/2003	United Tech. In		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND**

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